



3FW

PTO/SB/82 (09-04)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

|                        |                          |
|------------------------|--------------------------|
| Application Number     | 10/666,964               |
| Filing Date            | 17 September 2003        |
| First Named Inventor   | Mahesh Anantharaman Iyer |
| Art Unit               | 2129                     |
| Examiner Name          | HIRL, JOSEPH P.          |
| Attorney Docket Number | SNPS-0506CON2            |

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

36503

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with  
Customer Number:

36503

OR

|   |  |       |  |     |  |
|---|--|-------|--|-----|--|
| <input type="checkbox"/> Firm or<br>Individual Name |  |       |  |     |  |
| Address   |  |       |  |     |  |
| City  |  | State |  | Zip |  |
| Country   |  |       |  |     |  |
| Telephone   |  | Fax   |  |     |  |

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

|           |   |           |              |
|-----------|---|-----------|--------------|
| Signature |   |           |              |
| Name      | Julie A. Stephenson, Chief Patent Counsel, Synopsys, Inc. |           |              |
| Date      | 12/8/06   | Telephone | 650-584-1249 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Synopsys, Inc.Application No./Patent No.: 10/666,964 Filed/Issue Date: 17 September 2003Entitled: METHOD AND APPARATUS FOR SOLVING BIT-SLICE OPERATORSSynopsys, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.**OR**B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

03 January 2007

Date

(530) 759-1660

Telephone number

A. Richard Park (Reg. No. 41,241)

Typed or printed name

Signature

Attorney of Record

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

## ASSIGNMENT

WHEREAS, I Mahesh A. Iyer, a citizen of the United States of America, residing at 41384 Danzon Court, Fremont, CA 94539, have invented one or more inventions (hereinafter referred to as "said invention(s)") disclosed in an application for Letters Patent of the United States titled "**Method and Apparatus for Solving Constraints**" (hereinafter referred to as "said application"), said application having been filed on 08/16/03 and assigned Application No. 10/641,845.

WHEREAS, Synopsys, Inc. (hereinafter together with its successors and assigns referred to as "the Assignee"), a Delaware corporation, having a place of business at 700 East Middlefield Road, Mountain View, CA 94043, is desirous of obtaining all right, title and interest in, to and under said invention(s) and said application; and

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which I hereby acknowledge, I have sold, assigned, transferred and set over, and by these presents hereby sell, assign, transfer and set over to the Assignee all right, title and interest in, to and under said invention(s) and said application, including the right to apply for any Letters Patent of the United States of America and in any and all foreign countries on said invention(s), and any and all other applications for Letters Patent on said invention(s), in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part and convention applications based in whole or in part upon said invention(s) or upon said application, and any and all Letters Patent which may issue thereon in the United States and foreign countries, and any and all reissues, reexaminations, extensions, renewals, divisions, continuations or continuations-in-part of Letters Patent granted for said invention(s) or upon said applications, to the full term or terms for which said Letters Patent may be issued, and every priority right that is or may be predicated upon or arise from said invention(s), said application and said Letters Patent, the same to be held and enjoyed by the Assignee for its own use and benefit fully and entirely as if the same would have been held and enjoyed by me had this Assignment not been made. I hereby authorize the Assignee to file patent applications in any and all countries on any or all of said invention(s) in my name, or in its name, or otherwise as the Assignee may deem advisable, under the International Convention or otherwise.

I hereby authorize the Commissioner of Patents and Trademarks of the United States, and any official of any other country empowered to issue patents, to record this Assignment, and to issue or transfer all said Letters Patent on said invention(s) to the Assignee as owner of all right, title and interest therein, or otherwise as the Assignee may direct, in accordance with the terms of this Assignment.

I hereby represent and warrant that I have the full right to convey the entire right and interest herein assigned, that there are no rights or interests outstanding inconsistent with the rights and interests granted herein, and that I will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein.

ASSIGNMENT

IN TESTIMONY WHEREOF, I have executed this document on the date indicated below.

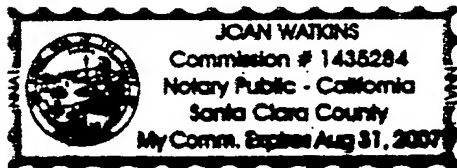
Date: 02/24/09

Mahesh

(Signature) Mahesh A. Iyer

STATE OF California  
~~Santa Clara~~ SS.:  
COUNTY OF Santa Clara

On this 24<sup>th</sup> day of February, 2009, before me came Mahesh A. Iyer, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he/~~she~~ has acknowledged to me that he/~~she~~ has executed the same.



Joan Watson  
Notary Public